

● Heavy Industrial

MULTIPROCESS 6001

The **Multiprocess 6000 Series** is an extra heavy-duty 500-Amp welding machine, capable of Stick welding, MIG welding, Flux cored welding, Gouging or TIG welding with a lift start. It's robust design and 100% duty cycle make this an ideal all-around workhorse for all medium to heavy-duty applications

FEATURES

- Specially designed for tough conditions.
- Extra heavy-duty, reliable with a robust design.
- High power at 100% duty cycle, tested in 104°F/40°C and 140°F/60°C.
- Excellent design characteristics ensure high welding quality, precise arc striking and highly stable arc.
- Fully encapsulated PCB to avoid dust contamination.
- Automatic compensation for main power fluctuations within $\pm 20\%$.
- Electronic continuous control of inductance.
- Excellent CC/CV characteristics ensures high quality and trouble-free welding.
- Exceptional welding characteristics in MIG/MAG, Flux Cored, Gouging.
- Precise arc striking and a highly stable arc.
- User friendly parameters settings.
- Comprehensive 4 Year Warranty.



PROCESSES



GMAW - SOLID WIRE
FCAW - FLUX - CORE WIRE



GTAW (DC) - SCRATCH / LIFT START



SMAW



GOUGING

MULTIPROCESS 6001 Technical Specification

MULTIPROCESS 6001			
Process	MIG	Stick Electrode	TIG
Input Voltage Range (Three Phase, 50/60 Hz)	400 V $\pm 15\%$		
* (Three Phase 230 /400/ 440 V as option)	Parameters In 400 V $\pm 15\%$:		
Primary Current@Max Welding Current	43 A	45 A	35 A
Maximum Primary Effective Current (I1 eff max)	43 A	45 A	35 A
Welding Current Range	30 - 500 A	20 - 500 A	20 - 500 A
Duty Cycle @ Maximum Welding Current in 104° F (40° C)	100% (500 A)	100% (500 A)	100% (500 A)
Welding Current @ 100% Duty Cycle in 104° F (40° C)	500 A @ 100%	500 A @ 100%	500 A @ 100%
Welding Current @ 60% Duty Cycle in 104° F (40° C)	-	-	-
Open Circuit Voltage : Volt	86 V DC	86V DC (27V VRD)	86V DC (27V VRD)
Output Voltage Range	15.5-39 V	20.8-40 V	10.8-30 V
Weight : lb. (Kg)	134 lb. (61 Kg)		
Dimensions Including Handle (D,W,H) : inch (mm)	24.8 x 12.2 x 26 inch (630 x 310 x 665 mm)		

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE



What Is Included

MULTIPROCESS 6001

ITEM	PART NO.	
Multiprocess 6001	PLC6180567	
Ground Clamp Set (450-540A- 10ft.), AWG 3/0	ALP2280520	
Electrode Holder Set (390-460A-10ft.), AWG 2/0	ALP2280097	
MIG Torch Tweco® Style M400 TE (400 A -15 ft.)	CWGP GTW400-15E	
Argon/CO2 Regulator	CW-RMV-250-30LM-AR	
MIG Wire Feeder 5041	CWF5041	
Welder Cart For Three Phase Machines	TGJ2250683	
MIG Drive Rolls (1.2-1.6 mm V Groove) (Hard Wire)	SET1216V	
MIG Drive Rolls (0.9-1.2 mm V Groove) (Hard Wire)	SET0911V	
MIG Drive Rolls (0.9-1.2 mm K) (Knurled)	SET0911K	
MIG Gun Panasonic® Style Consumable Kits	ALPCON6001	

OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Electrode Holder Set 390-460A, 20ft. Welding Cable	ALP2280101		TIG Torch 200 AMP Gas Valve Air Cooled (26 SERIES)	CWSG26VFX-SL-12-SL-GS4	
Electrode Holder Set 390-460A, 30ft. Welding Cable	ALP2280202		Wirefeeder/Power Source Interconnection Cable	TGD4980594	
Electrode Holder Set 390-460A, 50ft. Welding Cable	ALP2280303		C9 Black (Series Helmets)	CWPOWER-990T-BLK	
Ground Clamp Set 450-540A, 20ft. Welding Cable	ALP2280521		C5 Black (Series Helmets)	CWELITE-550S-BLK	
Ground Clamp Set 450-540A, 30ft. Welding Cable	ALP2280522		C8 Black (Series Helmets)	CWPOWER-980S-BLK	
Ground Clamp Set 450-540A, 40ft. Welding Cable	ALP2280523		C8 Coal Fire (Series Helmets)	CWPOWER-980S-CO	